

DEPARTMENT OF AGRICULTURE, BENGAL.

ANNUAL REPORT

OF THE

BURDWAN FARM

FOR THE YEAR

1912-1913.



CALCUTTA:

THE BENGAL SECRETARIAT BOOK DEPÔT.

1913.

[*Price—Indian, 9 pies; English, 1d.*]

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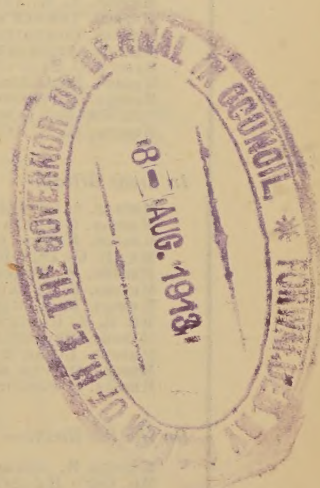
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ANNUAL REPORT OF THE BURDWAN FARM FOR THE YEAR 1912-13.

Introduction.--This small farm of 32 acres, which belongs to the Maharajadhiraj of Burdwan, who pays all expenses, is now a demonstration farm. This innovation from experimental to demonstration work took place in 1911-12, when the old Superintendent was pensioned off and a young energetic man took his place. The latter is gaining experience rapidly and prospects for the future are fairly bright. The land of this farm is very poor. Half would go out of cultivation immediately if we left it, and only an early *aman* paddy would be grown on the remainder.

The following table gives the rainfall and number of rainy days recorded on the farm in 1912-13 with the normal for the district:—

			AMOUNT OF RAINFALL.		NORMAL RAINFALL.	
			Amount.	Number of rainy days.	Amount.	Number of rainy days.
1912.			Inches.		Inches.	
April	...	...	2.02	4	1.88	2.78
May	...	...	4.49	7	5.08	6.47
June	...	...	5.97	13	10.15	11.80
July	...	..	14.99	21	12.25	15.46
August	...	...	8.27	21	11.76	15.20
September	...	..	4.30	5	8.40	11.01
October	...	.	7.26	4	3.35	4.17
November	...	...	1.07	2	0.63	0.72
December	...	...	Nil	Nil	0.10	0.20

		AMOUNT OF RAINFALL.		NORMAL RAINFALL.	
		Amount.	Number of rainy days.	Amount.	Number of rainy days.
1913.					
January	...	Nil	Nil	0.41	0.85
February	..	6.04	8	0.99	1.57
March	...	1.77	2	1.06	1.80
Total	...	56.18	87	56.06	72.03

Hence the rainfall in 1912 was fairly normal.

The following statement shows the area of crops grown at this farm with total outturn and yield per acre in 1912-13:—

Area.		Crops.	Outturn.	Yield per acre.	REMARKS.
			Mds.	Mds.	
Paddy	...	20	340	17	Fair.
Jute	...	3	47½	16	Good.
Sugarcane, newly planted.		1.32	46½	35	Do.
Ratooned	...	1.46	54	37	Do.
Potatoes	...	1	150	150	Do.
Peas	...	¾	4½	7½	Fair.
Soy-bean	...	½	3	6	Poor.
Sonamung	...	½	0.35	2.25	Do.
Dhaincha	...	½	2¼	4½	Do.

The following statement gives details:—

	Acres.	Outturn.	Yield per acre.
<i>Paddy—</i>		Mds.	Mds.
(1) Unmanured	3½	47½	13½
(2) After jute	2	30	15
(3) Green manured with dhaincha	8	152	19
(4) Ditto Lime ..	½	9¾	19½
(5) Bonemeal, 3 maunds, per acre	5	100	20
<i>Potatoes—</i>			
Darjeeling variety	7	94	134½
Naini Tal	3	56	184½

These results are quite good when we consider this is the Superintendent's first year. He is quite young and should show much better results shortly.

The following statement of account shows receipts and expenditure for 1912-13 :—

Receipts—

		Rs.	A.	P.
Remitted to treasury ... ..	...	2,021	9	9
Bills outstanding ... ..	...	43	11	9
Total	...	2,065	5	6

Expenditure—

Establishment ... ..	...	708	0	0
Cattle food ... ..	...	97	8	6
Farm expense ... ..	...	2,589	13	0
Total	...	3,395	5	6

These figures compare very well with Rs. 1,753-10-10, receipts, and Rs. 4,326-8-11, expenses in 1911-12, but they can still be improved upon.

Total expenditure can be curtailed to Rs. 2,000 and receipts can be increased to Rs. 2,500 with experience.

Babu J. C. De was the Superintendent in charge during the year. He worked well and deserves every credit for the results that have been obtained.

Mr. Smith inspected the farm frequently during the year.

F. SMITH,

Deputy Director of Agriculture, Bengal.

